

In the Claims:

1-45. (Cancelled).

46. (Currently Amended) A method for sharing information between a first management system having associated therewith a first set of management information and a second management system having associated therewith a second set of management information, comprising the steps of:

(a) the first management system receiving an event message, the event message indicating occurrence of an event in a network associated with the first management system ~~from the first management system~~;

(b) determining whether the event message relates to an entity that is managed by the second management system;

(c) when the event message relates to an entity that is managed by the second management system, formatting the event message in a format compatible with the second management system; and

(d) taking an action to provide the second management system with the event message in the format compatible with the second management system.

47. (Previously Presented) The method of Claim 46, further comprising a step (e) of sending the event message, in the format compatible with the second management system, to the second management system.

48. (Previously Presented) The method of Claim 46, wherein step (d) comprises a step of holding the formatted event message until requested by the second management system.

49. (Previously Presented) The method of Claim 46, wherein step (d) comprises a step of pushing the formatted event message until accepted by the second management system.

50. (Previously Presented) The method of Claim 46, wherein step (d) comprises a step of sending the formatted event message to a component accessible to the first

management system and the second management system, the component holds the formatted event message until occurrence of a selected event.

51. (Previously Presented) The method of Claim 50, wherein the component within the first management system comprises a storage device having an area to hold the event message.

52. (Previously Presented) The method of Claim 50, wherein the selected event comprises a request from the first management system.

53. (Previously Presented) The method of Claim 50, wherein the selected event comprises a repeat occurrence of a selected indicia in the message.

Claims 54 and 55 (Cancelled).

56. (Currently Amended) The method of Claim ~~5446~~, further comprising a step (~~fe~~) of forwarding a selected portion of the first set of management information to the second management system.

57. (Currently Amended) The method of Claim ~~5446~~, further comprising the steps of,
(~~fe~~) maintaining a second set of management information by the second management system; and
(~~gf~~) providing an analysis based on the first and second sets of management information.

58. (Previously Presented) The method of Claim 47, further comprising a step (f) of one of the two management systems providing an analysis based on the formatted event message to determine a further action.

59. (Previously Presented) The method of Claim 48, further comprising a step (f) of one of the two management systems providing an analysis based on the formatted event message to determine a further action.

60. (Previously Presented) The method of Claim 49, further comprising a step (f) of one of the two management systems providing an analysis based on the formatted event message to determine a further action.

61. (Currently Amended) An apparatus for sharing information between a first management system and a second management system, the apparatus comprising:

first means for receiving a an event message from the first management system, the event message indicating occurrence of an event in a network;

second means for determining whether the event message relates to an entity that is managed by the second management system;

third means for formatting the event message in a format compatible with the second management system when the event message relates to an entity that is managed by the second management system; and

fourth means for taking an action to provide the second management system with the event message in the format compatible with the second management system.

62. (Currently Amended) The apparatus of Claim 61, further comprising fifth means for sending the event message in the format compatible with the second management system to the second management system.

63. (Currently Amended) The apparatus of Claim 61, wherein the fourth means holds the formatted event message until requested by the second management system.

64. (Currently Amended) The apparatus of Claim 61, wherein the fourth means pushes the formatted event message until accepted by the second management system.

65. (Currently Amended) The apparatus of Claim 61, wherein the fourth means sends the formatted event message to a component accessible to the first management system and the second management system to hold until the first management systems requests the message.

66. (Currently Amended) The apparatus of Claim 65, wherein the component within the first management system comprises a storage device having an area to hold the formatted event message.

67. (Previously Presented) The apparatus of Claim 61, further comprising a fifth means for maintaining a first set of management information by the first management system.

68. (Previously Presented) The apparatus of Claim 61, further comprising a fifth means for maintaining a second set of management information by the second management system.

69. (Previously Presented) The apparatus of Claim 67, further comprising a sixth means for forwarding the first set of management information to the second management system.

70. (Previously Presented) The apparatus of Claim 67, further comprising,
sixth means for maintaining a second set of management information by
the second management system; and
seventh means for providing an analysis based on the first and second sets
of management information.

71. (Previously Presented) The apparatus of Claim 61, wherein the first management system comprises one of a network management system, a system management system and an element management system.

72. (Previously Presented) The apparatus of Claim 61, wherein the second management system comprises one of a network management system, a system management system and an element management system.

73. (Previously Presented) A system for providing an interface between a first management system and a second management system, comprising:

a correlator, having an input that receives a message from the first management system, and an output that provides a correlated message when the message is related to an entity managed by the second management system;

a message formatter, coupled to the correlator, having an input that receives the correlated message and an output that provides a formatted message in a format that is compatible with the second management system; and

an interface module, coupled to the correlator and the second management system, the interface module taking a selected action should the correlator output the correlated message.

74. (Previously Presented) The apparatus of Claim 73, wherein the action taken by the interface module comprises holding the formatted message until requested by the second management system.

75. (Previously Presented) The apparatus of Claim 73, wherein the action taken by the interface module comprises pushing the formatted message until accepted by the second management system.

76. (Previously Presented) The apparatus of Claim 73, wherein the action taken by the interface module comprises sending the formatted message to a component within the first management system to hold until the first management systems requests the formatted message.

77. (Previously Presented) The apparatus of Claim 76, wherein the component within the first management system comprises a storage device having an area addressable by the second management system.

78. (New) The method of Claim 46, wherein the event message an occurrence of a predefined event.

79. (New) The method of Claim 46, wherein the event message indicates an addition of a network device to a network.

80. (New) The method of Claim 46, wherein the event message indicates a removal of a network device from a network.

81. (New) The method of Claim 46, wherein the event message indicates a change in a monitored parameter.

82. (New) The method of Claim 46, wherein the event message provides a report on a monitored parameter.

83. (New) The method of Claim 46, wherein the event message indicates a change in a derived parameter.

84. (New) The method of Claim 46, wherein the event message provides a report on a derived parameter.